BRUHAT BANGALORE MAHANAGARA PALIKE

KODIGEHALLI SUBDIVISION

WARD NO.07, Byatarayanapura

Measurement Sheet

Name of work: Desilting of Existing Storm water drain in ward No.08

Est Cost : 35.00 LAKHS

BRUHAT BANGALORE MAHANAGARA PALIKE

Agency: M/s KRIDL

Name of Work: Desilting of Existing Storm water drain in ward No.08

Sl No	Description of item	Unit	No	L	B	D	Qty
1	KSRRB M200-15.2: Dismantling of existing structures like culverts, bridges, retaining walls and other structure comrpising of masonry, cement concrete, wood work, steel work, including T & P and scaffoding wherever necessary, sorting the dismantled material, disposal of unserviceable material and sacking the serviceble material ans stacking the serviceble material with all lifts complete as per psecifications. III) Dismantling stone masonry. B rubble stone masonry in cement mortar.						
	Damaged SSM						
	Near Burial ground	cum	2	30	0.45	0.23	6.21
			2	30	0.45	0.23	6.21
			2	30	0.45	0.23	6.21
			2	30	0.45	0.23	6.21
			2	24	0.45	0.23	4.97
	Near parikarma school		2	30	0.15	1	9.00
			2	30	0.15	1	9.00
			2	40	0.15	1	12.00
							59.81
2	KSRRB M200-12.2: Dismantling of existing structures like culverts, bridges, retaining walls and other structure comrpising of masonry, cement concrete, wood work, steel work, including T & P and scaffoding wherever necessary, sorting the dismantled material, disposal of unserviceable material and sacking the serviceble material ans stacking the serviceble material with all lifts complete as per psecifications. I, By manual means: B cement concrete Grade M-15 & M-20. MORTH specifications No. 202.						
	Location	sqm					
	Near Burial ground		1	30	1.5	0.15	6.75
			1	30	1.5	0.15	6.75
			1	20	1.5	0.15	4.50
						Total	**18.00**
3	Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.						
	Drain desilt						
	Near Burial ground		1	30	0.6	0.50	9.00
			1	30	0.6	0.50	9.00
			1	30	0.6	0.50	9.00
			1	30	0.6	0.50	9.00
			1	24	0.6	0.50	7.20
							43.20

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4	Providing and constructing granite size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.						
	Re using of SSM						
	Near Burial ground		1	20	0.45	0.45	4.05
			1	25	0.45	0.45	5.06
			1	5	0.45	0.45	1.01
							10.13
5	Providing and constructing granite size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.						
	SSM Drain/Flagging						
	Near Burial ground		2	30	0.45	0.6	16.20
			2	30	0.45	0.6	16.20
			2	30	0.45	0.6	16.20
			2	30	0.45	0.6	16.20
			2	24	0.45	0.6	12.96
	Near parikarma school						
			2	30	0.45	1.1	29.70
			2	30	0.45	1.1	29.70
			2	40	0.45	1.1	39.60
	Deductions poles		44	0.45	0.45	0.23	2.05
							174.71
						Qty Ltd to	172.1
6	Providing flush pointing to square rubble, course or uncoursed stone maosnry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per psecifications.						
	Near Burial ground		2	30		0.6	36.00
			2	30		0.6	36.00
			2	30		0.6	36.00
			2	30		0.6	36.00
			2	24		0.6	28.80
	Near parikarma school						
			2	30		1.1	66.00
			2	30		1.1	66.00
			2	40		1.1	88.00
							392.80
7	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.69 cum and fine aggragtes @ 0.459cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications.						
	coping on side walls						
	Near Burial ground		2	30	0.45	0.1	2.70
			2	30	0.45	0.1	2.70
			2	30	0.45	0.1	2.70
			2	30	0.45	0.1	2.70
			2	24	0.45	0.1	2.16
	Near parikarma school						

			2	30	0.45	0.1	2.70
			2	30	0.45	0.1	2.70
			2	40	0.45	0.1	3.60
	Deductions for poles						
			44	0.45	0.45	0.1	(-) 0.89
							21.07
						Qty Ltd to	**19.94**
8	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)						
	Parikarma centre for learning	2	44	2			176.00
	SWD-Road side	2	6	2			24.00
							200.00
10	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint						
	RHS	3	30		2		180.00
		3	12		2		72.00
	LHS	3	30		2		180.00
		3	10.8		2		64.80
	SWD-Road side	3	17		2		102.00
							598.80
9	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint						
	Parikarma centre for learning	sqm					
	RHS	1	30		2		60.00
		1	12		2		24.00
	LHS	1	30		2		60.00
		1	10.8		2		21.60
	SWD-Road side	1	30		2		60.00
		1	30		2		60.00
		1	30		2		60.00
		1	28		2		56.00
							401.60
						Qty Ltd to	**400.00**

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11	Providing and fixing RCC precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement including form work, lift charges, curing and concrete finished surfaces on both sides etc., complete and as per drawinf and the directions of Engineer in charge.						
		1	30	1.5			45.00
		1	30	1.5			45.00
		1	30	1.5			45.00
		1	30	1.5			45.00
		1	24	1.5			36.00
							216.00

Assistant Engineer
Ward No.08

Assistant Executive Engineer
Kodigehalli Sub division

Executive Engineer
Byatarayanapura Division

Assistant Executive Engineer.
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